

**UTILITY PATENT APPLICATION TRANSMITTAL**  
 (CLAIMING BENEFIT TO PROVISIONAL APPLICATION)  
 (New Nonprovisional Applications Under 37 CFR § 1.53(b))

Attorney Docket No.  
**50325-0802**

**TO THE COMMISSIONER FOR PATENTS:**

Transmitted herewith is the patent application of ( ) application identifier or (X) first named inventor, **FUYONG ZHAO** entitled **ADAPTIVE, DETERMINISTIC ANT ROUTING APPROACH FOR UPDATING NETWORK ROUTING INFORMATION**, for a(n):

(X) Original Patent Application

( ) Continuing Application (prior application not abandoned):

( ) Continuation ( ) Divisional ( ) Continuation-in-part (CIP)  
 of prior application No: \_\_\_\_\_ Filed on: \_\_\_\_\_.

( ) A statement claiming priority under 35 USC § 120 has been added to the specification.

Enclosed are:

(X) Specification 46 Total Pages; (X) Drawing(s) 14 Total Sheets; (X) Cover Sheet 1 Page

(X) Oath or Declaration: 2 Pages

(X) A Newly Executed Combined Declaration and Power of Attorney:

(X) Signed. ( ) Unsigned. ( ) Partially Signed.

( ) A Copy from a Prior Application for Continuation/Divisional (37 CFR § 1.63(d)).

( ) Incorporation by Reference. The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied, is considered as being part of the disclosure of the accompanying application and is hereby incorporated herein by reference in its entirety for all purposes.

( ) Signed Statement Deleting Inventor(s) Named in the Prior Application. (37 CFR § 163(d)(2)).

( ) Power of Attorney. (X) Return Receipt Postcard.

( ) Associate Power of Attorney. (X) A Check in the amount of \$1,042.00 for the Filing Fee.

( ) Preliminary Amendment. ( ) Information Disclosure Statement and Form PTO-1449.

(X) Request and Certification Under 35 U.S.C. 122(b)(2)(B)(i)

(X) A Duplicate Copy of this Form for Processing Fee Against Deposit Account.

( ) A Certified Copy of Priority Documents (if foreign priority is claimed).

( ) Applicant(s) is entitled to small entity status. See 37 CFR 1.27.

( ) Statement(s) of Status as a Small Entity Filed in Prior Application, Status Still Proper and Desired.

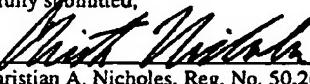
(X) Recordation of Assignment Cover Sheet and executed Assignment.

( ) Other: \_\_\_\_\_

CLAIMS AS FILED				
FOR	NO. FILED	NO. EXTRA	RATE	FEE
Total Claims	20	0	\$18.00	\$ 0.00
Independent Claims	6	3	\$84.00	\$ 252.00
Multiple Dependent Claims (if applicable)				\$0.00
Assignment Recording Fee				\$40.00
Basic Filing Fee				\$750.00
		Total Filing Fee		\$1,042.00

Charge \$\_\_\_\_\_ to Deposit Account 50-1302 pursuant to 37 CFR § 1.25. Throughout the pendency of this application, please charge any additional fees, including any required extension of time fees, and credit all overpayments to deposit account 50-1302. A duplicate of this sheet is enclosed.

Respectfully submitted,

By:   
 Christian A. Nicholes, Reg. No. 50,266

Date: August 20, 2003

Correspondence Address:

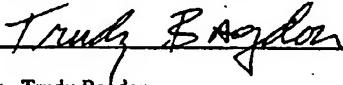


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PATENT TRADEMARK OFFICE

I hereby certify that this is being deposited with the U.S. Postal Service "Express Mail Post Office to Addressee" service under 37 CFR § 1.10 on the date indicated below and is addressed to:

Mail Stop Patent Application  
 Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

By: 

Typed Name: Trudy Bagdon

Express Mail Label No.: EV322192455US

Date of Deposit: August 20, 2003

17175 U.S.PTO  
 10/645255



082003

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17178  
U.S.  
PTO  
08/20/03

# FEE TRANSMITTAL

## for FY 2003

*Patent fees are subject to annual revision,  
Small Entity payments must be supported by a small entity statement,  
otherwise large entity fees must be paid. See Forms PTO/SB/09-12.  
See 37 C.F.R. §§ 1.27 AND 1.28*

TOTAL AMOUNT OF PAYMENT (\$ 1,042.00)

*Complete if Known*

Application Number	Not Yet Assigned
Filing Date	August 20, 2003
First Named Inventor	FUYONG ZHAO
Examiner Name	Not Yet Assigned
Group/Art Unit	Not Yet Assigned

Attorney Docket No. 50325-0802

## METHOD OF PAYMENT (check one)

1.  Throughout the pendency of this application, please charge any additional fees, including any required extension of time fees, and credit all overpayments to deposit account 50-1302. A duplicate of this sheet is enclosed.

Deposit Account Number

50-1302

Deposit Account Name

Hickman Palermo Truong &amp; Becker, LLP

2.  Payment Enclosed:

 Check     Money Order     Other

3.  Applicant(s) is entitled to small entity status. See 37 CFR 1.27

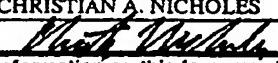
## FEE CALCULATION (continued)

## 3. ADDITIONAL FEES

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1051	130	2051	65 Surcharge - late filing fee or oath
1052	50	2052	25 Surcharge - late provisional filing fee or cover sheet
1053	130	1053	130 Non-English specification
1804	920*	1804	920* Requesting publication of SIR prior to Examiner action
1805	1,840*	1805	1,840* Requesting publication of SIR after Examiner action
1251	110	2251	55 Extension for reply within first month
1252	410	2252	205 Extension for reply within second month
1253	930	2253	465 Extension for reply within third month
1254	1,450	2254	725 Extension for reply within fourth month
1255	1,970	2255	985 Extension for reply within fifth month
1401	320	2401	160 Notice of Appeal
1402	320	2402	160 Filing a brief in support of an appeal
1403	280	2403	140 Request for oral hearing
1451	1,510	1451	1,510 Petition to institute a public use proceeding
1452	110	2452	55 Petition to revive - unavoidable
1453	1,300	2453	650 Petition to revive - unintentional
1501	1,300	2501	650 Utility issue fee (or reissue)
1502	470	2502	235 Design issue fee
1503	630	2503	315 Plant issue fee
1460	130	1460	130 Petitions to the Commissioner
1807	50	1807	50 Petitions related to provisional applications
1806	180	1806	180 Submission of information Disclosure Stmt
8021	40	8021	40 Recording each patent assignment per property (times number of properties)
1809	750	2809	375 Filing a submission after final rejection (37 CFR § 1.129(a))
1810	750	2810	375 For each additional invention to be examined (37 CFR § 1.129(b))
Other fee (specify)			
Other fee (specify)			
*Reduced by Basic Filing Fee Paid		SUBTOTAL (3)	(\$ 40.00)

## SUBMITTED BY

Complete (if applicable)

Name (Print/Type)	CHRISTIAN A. NICHOLAS	Registration No (Attorney/Agent)	50,266	Telephone	(408) 414-1080
Signature				Date	August 20, 2003

## WARNING:

Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

Seq. No. 7249

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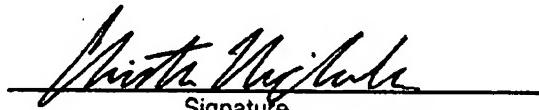
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<b>REQUEST AND CERTIFICATION UNDER 35 U.S.C. 122(b)(2)(B)(i)</b>		First Named Inventor	FUYONG ZHAO
		Title	ADAPTIVE, DETERMINISTIC ANT ROUTING APPROACH FOR UPDATING NETWORK ROUTING INFORMATION
		Atty. Docket Number	50325-0802

I hereby certify that the invention disclosed in the attached application **has not and will not be the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing.** I hereby request that the attached application not be published under 35 U.S.C. 122(b).

August 20, 2003

Date



Signature

CHRISTIAN A. NICHOLES (Reg. No. 50,266)

Typed or printed name

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application **upon filing.**

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant **must** notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. **Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).**

Burden Hour Statement: This collection of information is required by 37 CFR 1.213(a). The information is used by the public to request that an application not be published under 35 U.S.C. 122(b) (and the PTO to process that request). Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This form is estimated to take 6 minutes to complete. This time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop \_\_\_, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

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